

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. – 12. (Canceled).

13. (Previously Presented) A wireless network service provision method of providing communication services including internet connection by permitting access to a predetermined access point in a limitative area via wireless LAN or local wireless interface, the method comprising:

accessing, by a new user subscribed to the communication service system, the predetermined access point;

assigning one of a plurality of data processing methods to the new user, the one of the plurality of data processing methods being different from other ones of the data processing methods that have been respectively assigned to other users currently accessing the predetermined access point,

wherein none of the users currently accessing the predetermined access point is capable of intercepting data being uploaded by or downloaded to the new user, due to differences in payload processing with respect to the plurality of data processing methods assigned to each of the users.

14. (Previously Presented) The wireless network service provision method according to claim 13, wherein the assigning step comprises:

determining which ones of the plurality of data processing methods are currently not assigned to any of the users and are thus available for assignment to the new user, as available data processing methods; and

randomly assigning one of the available data processing methods to the new user.